

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092120\
 Data File : BM027491.D
 Acq On : 21 Sep 2020 12:17
 Operator : JU/CG
 Sample : L4046-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0Q2

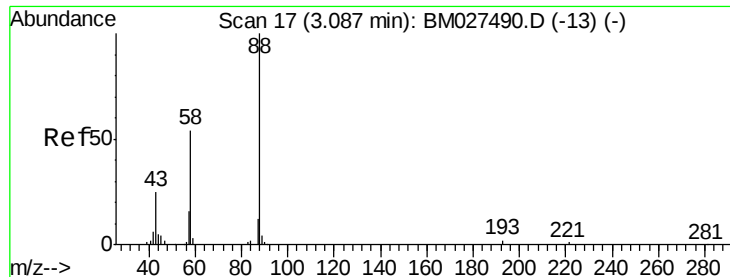
Quant Time: Sep 21 12:49:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 21 12:23:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	117994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	444528	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	320774	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	711772	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	680229	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	678054	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4923	1.86	ng/uL	0.00
5) Phenol-d5	6.69	99	65931	6.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	161964	25.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	164538	23.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	115698	14.59	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	90631	27.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	103551	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	213090	26.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	237621	25.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	751014	29.42	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	900404	31.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	16955	3.77	ng/ul	0.02
58) Fluorene-d10	15.14	176	656130	28.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	98983	21.73	ng/ul	0.00
71) Anthracene-d10	16.99	188	1056706	31.39	ng/ul	0.00
79) Pyrene-d10	19.29	212	1159191	38.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1154816	31.75	ng/ul	0.00

Target Compounds					Ovalue	
2) 1,4-Dioxane	3.09	88	14516	4.574	ng/uL	97
6) Phenol	6.72	94	22723	2.198	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.93	93	44332	5.340	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 4.574 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. 0.00 min

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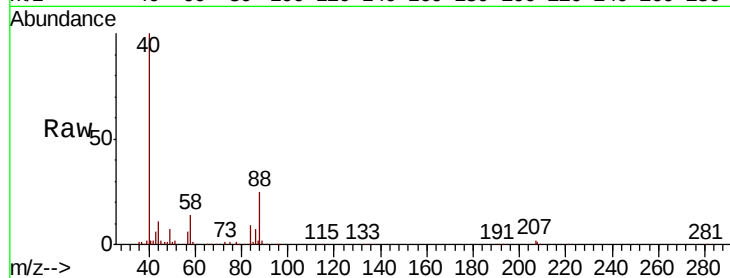
Tot Ion: 88 Resp: 14516

Ion Ratio Lower Upper

88 100

43 25.1 21.7 32.5

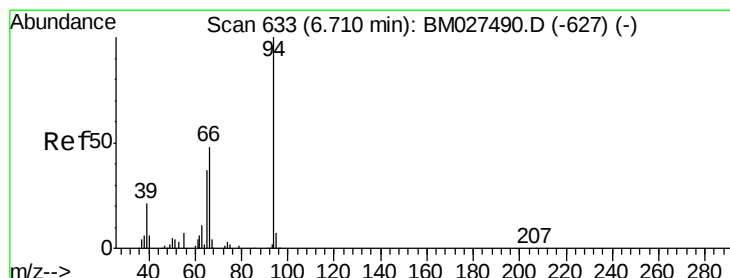
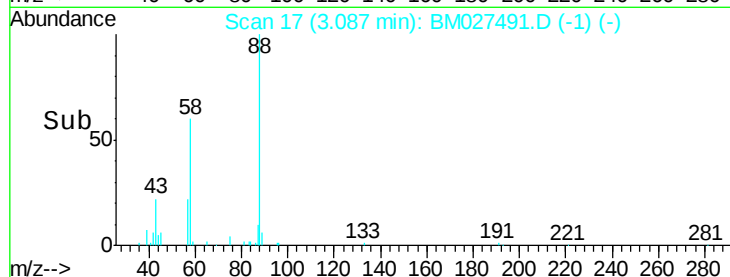
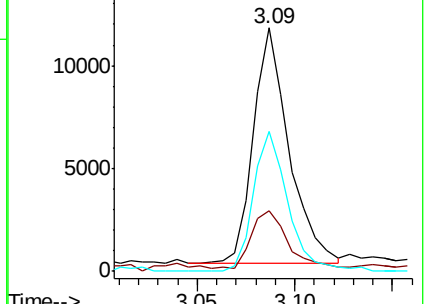
58 57.6 47.4 71.0



Abundance Ion 88.00 (87.70 to 88.70): BM027491.D (-13) (-)

Ion 43.00 (42.70 to 43.70): BM027491.D (-13) (-)

Ion 58.00 (57.70 to 58.70): BM027491.D (-13) (-)



#6

Phenol

Concen: 2.198 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM027491.D

Acq: 21 Sep 2020 12:17

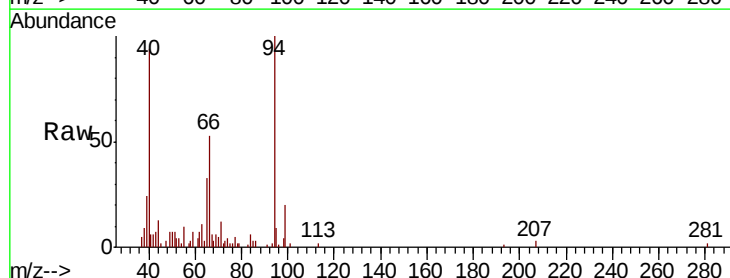
Tgt Ion: 94 Resp: 22723

Ion Ratio Lower Upper

94 100

65 33.5 30.2 45.4

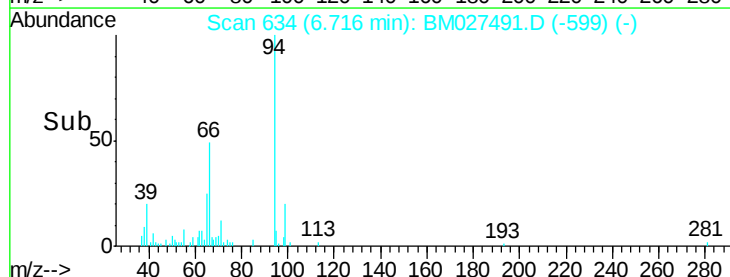
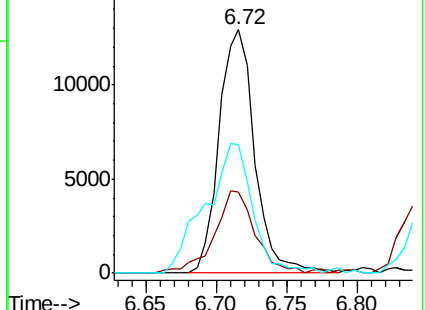
66 52.7 42.4 63.6

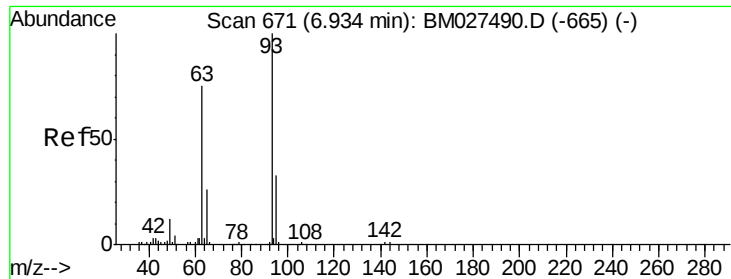


Abundance Ion 94.00 (93.70 to 94.70): BM027491.D (-599) (-)

Ion 65.00 (64.70 to 65.70): BM027491.D (-599) (-)

Ion 66.00 (65.70 to 66.70): BM027491.D (-599) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 5.340 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

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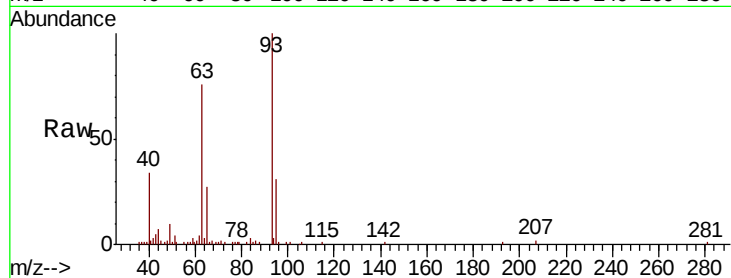
Tot Ion: 93 Resp: 44332

Ion Ratio Lower Upper

93 100

63 76.2 60.6 90.8

95 31.1 25.0 37.4



Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

